

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/002272

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A45D 44/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A45D, A61H, A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR: IPC as above

JP (utility models): IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,135,126 A (MICROLIN, L.C.) 24 OCTOBER 2000 See the whole document	1-22
A	JP 11-114000 A (MATSUSHITA ELECTRIC WORKS LTD) 27 APRIL 1999 See the whole document	1-22
A	KR 10-358296 B1 (LEE, SEUNG-GUN) 11 OCTOBER 2002 See the whole document	1-22
A	KR 159142 B1 (HWANG, HYUN-BAE) 10 AUGUST 1998 See the whole document	1-22
A	KR 96-9989 U (SAMSUNG ELECTRONICS Co., Ltd.) 12 APRIL 1996 See the whole document	1-22

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

24 MARCH 2004 (24.03.2004)

Date of mailing of the international search report

25 MARCH 2004 (25.03.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIN, HOON SIK

Telephone No. 82-42-481-8166



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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

- Group I, claim 1, drawn to a method of controlling electric power.
- Group II, claims 2-6, drawn to an apparatus of controlling electric power and a handable device for skin-care used in the same.
- Group III, claims 7-11, drawn to a device for skin-care.
- Group IV, claims 12-16, drawn to an ultrasonic device for skin-care.
- Group V, claims 17-20, drawn to an ultrasonic generator and an ultrasonic device for skin-care used in the same.
- Group VI, claims 21-22, drawn to a display.

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

.....national application No.

PCT/KR2003/002272

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6,135,126 A	24-10-2000	NONE	
JP 11-114000 A	27-04-1999	US 6,176,840 BA KR 274109 B1	23-01-2001 15-12-2000
KR 10-358296 B1	11-10-2002	NONE	
KR 159142 B1	10-08-1998	NONE	
KR 96-9989 U	12-04-1996	NONE	